

32-2761: PSMF1 Recombinant Protein

Alternative Name : Proteasome inhibitor PI31 subunit,hPI31,PSMF1,PI31.

Description

Source : Escherichia Coli. PSMF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-271) and having a molecular mass of 31.9kDa.PSMF1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PSMF1 is a protein which hinders the activation of the proteasome by the 11S and 19S regulators. The 26S proteasome is a multicatalytic proteinase complex with an extremely ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is comprised of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The PSMF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 0.1mM PMSF.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAGLEVL FAS AAPAITCRQD ALVCFLHWEV VTHGYCGLGV GDQPGPNDDK SELLPAGWNN NKDLYVLRYE YKDGSRLLV KAITVESSMI LNVLEYGSQQ VADLTNLDD YIDAEHLGDF HRTYKNSEEL RSRIVSGIIT PIHEQWEKAN VSSPHREFPP ATAREVDPLR IPPHHPHPTSR QPPWCDPLGP FVVGEDLDP FGPRRGGMIV DPLRSGFPRA LIDPSSGLPN RLPPGAVPPG ARFDPFGPIG TSPPGPNPDH LPPPGYDDMY L.

